



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Wu et al.

Application No.: 10/083,076

Filed: February 26, 2002

For: SYSTEM AND METHOD FOR
SAP FM DEMODULATION

Examiner: Charles Chiang Chow

Group Art Unit: 2685

Confirmation No.: 4707

Attorney Docket No.: 13586US01

EV 436262494 US

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November 23, 2005

Date

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Chow:

The Applicant respectfully requests that the following Comments on the Reasons for allowance be added to the file. These comments are being submitted with the Issue Fee Transmittal and a Continuation Application.

REMARKS

Claims 1 and 3-22 are allowed. The Applicant appreciates the Examiner's allowance of these claims and respectfully submits the following Comments on the Statement of Reasons for Allowance:

The Applicant respectfully submits that the Reasons for Allowance may potentially import interpretations into the claims in relation to the prior art that are unnecessarily limited and may place unwarranted interpretations upon the claims.

Such a characterization of the claims in view of the prior art may not properly take into account the Applicant's claimed invention as reflected in the claims, the specification and the prosecution history of the present application. Applicant believes that the claims, the specification, and the prosecution history in their entirety provide an adequate basis for the allowability of the claims.

Additionally, specific parts of the Examiner's reasons for allowance may pertain to limitations appearing in some of the claims, but not other claims. The Applicant respectfully submits that the Examiner has thoroughly examined the claims, recognized the limitations appearing or not appearing in each of the claims, and properly found the claims to be allowable based on the record.

For example, none of the prior art cited teaches or suggests applying a non-unity delay to secondary audio program or other signal information. None of the cited art teaches or suggests inclusion of a delay module capable of applying a non-unity delay. None of the cited art teaches or suggests FM demodulation of signal information using a delay, such as a non-unity delay, a discrete time index, and a combination of a phase shifted copy of the signal information and a delayed copy of the signal information to produce an FM demodulated signal. Furthermore, none of the cited art teaches or suggests using a bandpass filter with a minimal number of coefficients, a Hilbert filter

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with a minimal number of coefficients, and a delayed signal to produce a simple approximation of an FM demodulated signal.

The Applicant respectfully submits that claims 1 and 3-22 were correctly distinguished from the prior art by the Examiner and are indeed allowable on other grounds, as shown by the claims, the specification, and the prosecution history.

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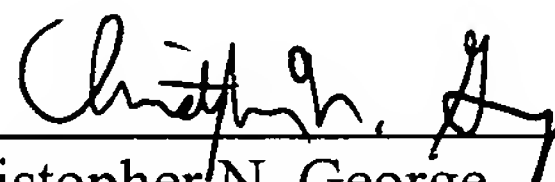
CONCLUSION

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of McAndrews, Held & Malloy, Account No. 13-0017.

Respectfully submitted,

Date: November 23, 2005



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